

# LUCAS COUNTY BUILDING REGULATIONS

## Mechanical Systems Description Form

Job site

Address: \_\_\_\_\_

Contractor: \_\_\_\_\_

Work Type:

☐ New

☐ Replacement

### HEATING, VENTILATION & AIR CONDITIONING SYSTEM DESCRIPTIONS (select items as listed)

1. Furnace location:	Basement	Garage	Attic	Other_____
2. Water heater location:	Basement	Garage	Attic	Other_____
3. Condensing unit location:	Rear yard	Side yard	(left)	(right)
4. Furnace / water-heater capacity:	BTU's_____			
5. Fuel type:	Natural gas	L.P.	Electric	
6. Furnace AFUE rating:	80%	90% +		
7. Ductwork type:	Sheet metal	Duct board		
8. Air conditioner capacity:	_____Ton			
9. Air conditioning SEER rating:	11	12	13	14 15 16
10. Location of gas meter	Front yard	Rear yard	Side yard	(left) (right)
11. Location of vent terminations for: (Dryer: front/rear/side yard/other_____)				
(Furnace: front/rear/side yard/other_____)				
(Water heater: front/rear/side yard/other_____)				

### PLUMBING SYSTEM DESCRIPTION

(write in number of fixtures below)

Description	Count	Description	Count	Description	Count
Water closets		Dishwashers		Sewage grinders	
Lavatory sinks		Garbage disposals		Bidets	
Whirlpool tubs		Drinking fountains		Bar sinks	
Hot tubs		Kitchen sinks		Hot water dispensers	
Showers		Shampoo bowls		Water heaters	
Floor drains		Oil/sand intercept.		Backflow devices	
Laundry tubs		Floor sinks		Washers, automatic	
Select size below for building main drain:				Sump pumps	
3 inch	4 inch	6 inch			

### ELECTRICAL SYSTEM DESCRIPTION (write in sizes required and select items listed below)

Underground service <input type="checkbox"/>	Single phase <input type="checkbox"/>
Overhead service <input type="checkbox"/>	Three phase <input type="checkbox"/>
Service conductor size: _____	Number of 120 volt circuits: _____
Service conductor type: (aluminum) (copper)	Number of 240 volt circuits: _____
Grounding electrode conductor size: [#6] [#4] [#2] [1/0]	Service size: _____
Grounding electrode conductor type: (aluminum) (copper)	Service location: _____

Approved by \_\_\_\_\_

Date \_\_\_\_\_